



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Wednesday, April 15, 2015

Issued: 0800 CT

Day 1 Hazards: More heavy rainfall may lead to areas of flash flooding for the SE LA coast. Marginal risk of severe weather from SW TX to TX/OK Panhandles.

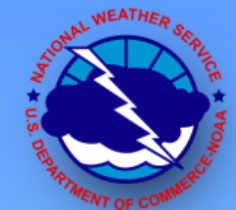
Critical fire weather conditions NE NM into the TX/OK Panhandles

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Mark Wiley
817-978-1100 x 147

Key Points



Today

- More heavy rainfall and possible flash flooding for SE LA
- Marginal risk of severe weather from Big Bend area of TX to TX/OK Panhandles
 - Possibility for marginally severe wind gusts and hail.
- Elevated to critical fire weather conditions for NE NM and TX/OK Panhandles

Thursday

- Enhanced severe weather threat over TX Panhandle and western OK and a separate enhanced area over S TX
 - Large hail/damaging winds possible along with isolated tornadoes
- Slight Risk of severe weather from OK Panhandle to deep S TX into SE TX
- Flash flooding possible over SE LA

Friday

- Slight risk of severe thunderstorms across south and SE TX
- Flash flooding possible from SE TX into S LA






Saturday-Sunday

- Flash flood threat continues over SE LA on Saturday
- Marginal severe threat possible Saturday for E AR/LA

*FEMA Region 6 Threat Matrix

Apr 15, 2015 - Apr 19, 2015

DAY/ THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	SW TX to TX/OK Panhandles, SE LA	TX Panhandle, W OK, S TX	S –SE TX	E AR/E LA	
		Much of TX into western OK			
Heavy Rain /Flooding	SE LA	SE LA	S TX- S LA	SE LA	
Fire	NE NM, OK/TX Panhandles				

	Very Common
	Somewhat Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



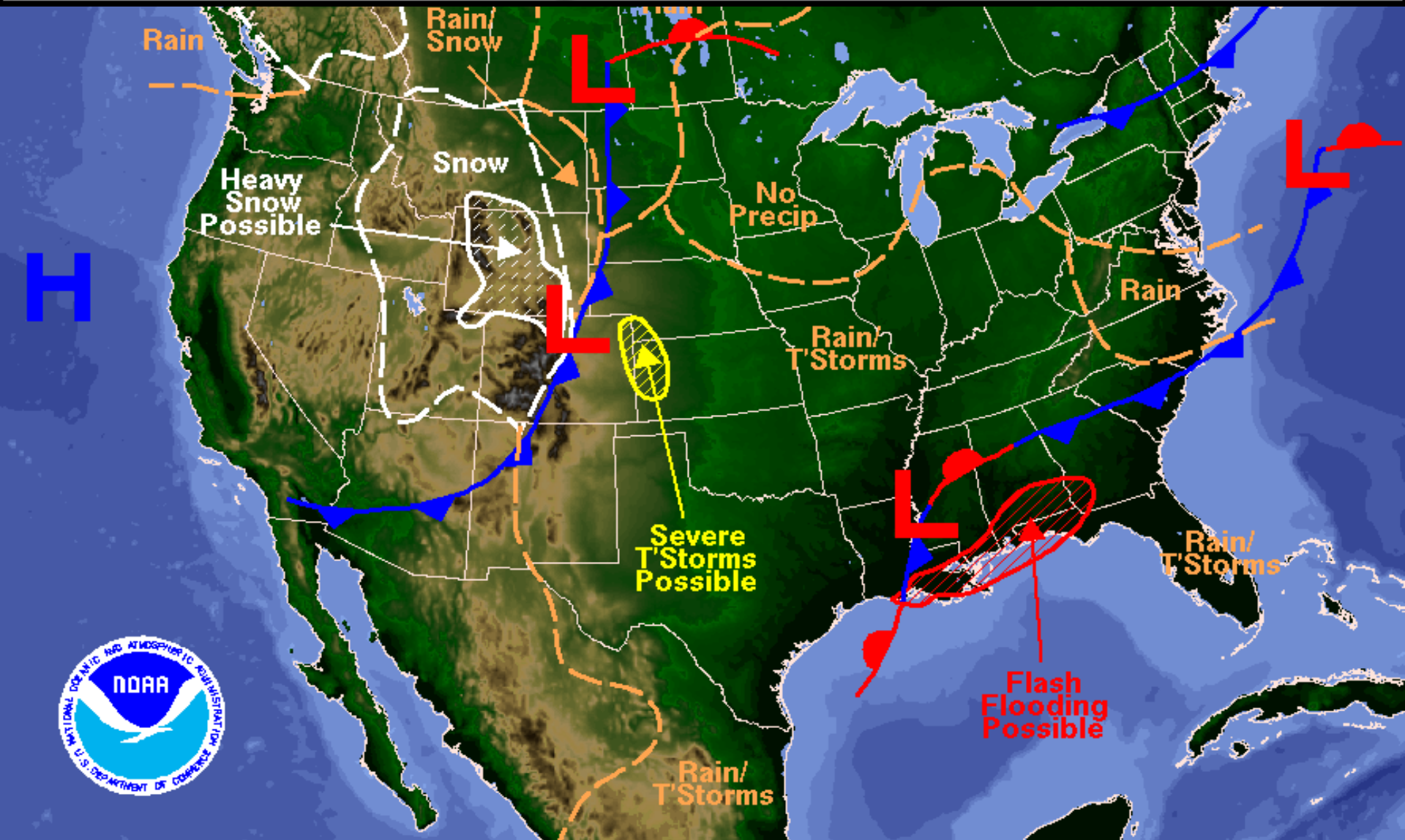
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little to No Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over MS this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in FL
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AL today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the Atlanta area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NE Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the Carolinas; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Today's Weather



Weather Forecast for Wed, Apr 15, 2015, issued 3:34 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

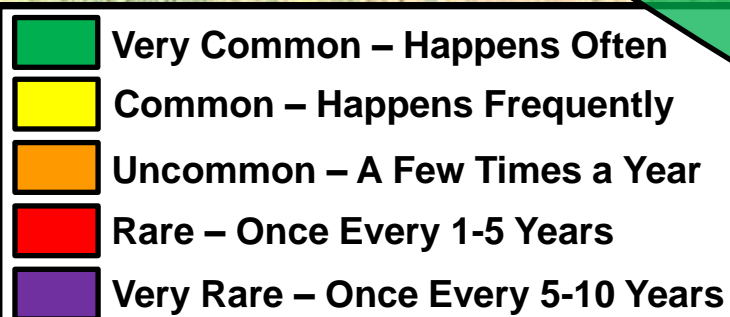
Valid: 0800 Wed - 0800 Thu



Critical fire weather conditions today

Marginal risk of severe weather today; mostly a large hail and wind gust threat.

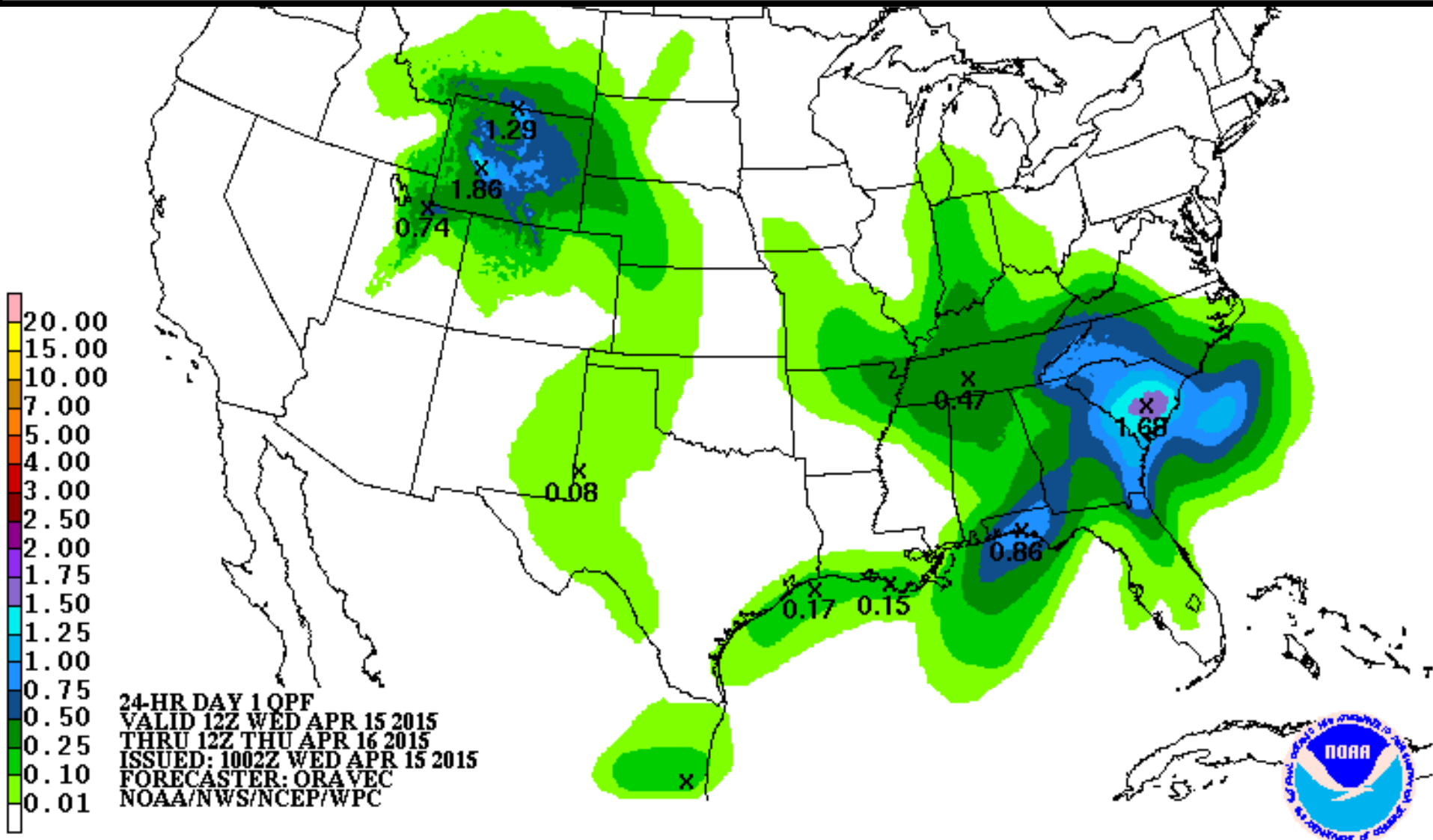
More heavy rains and continued flash flood threat



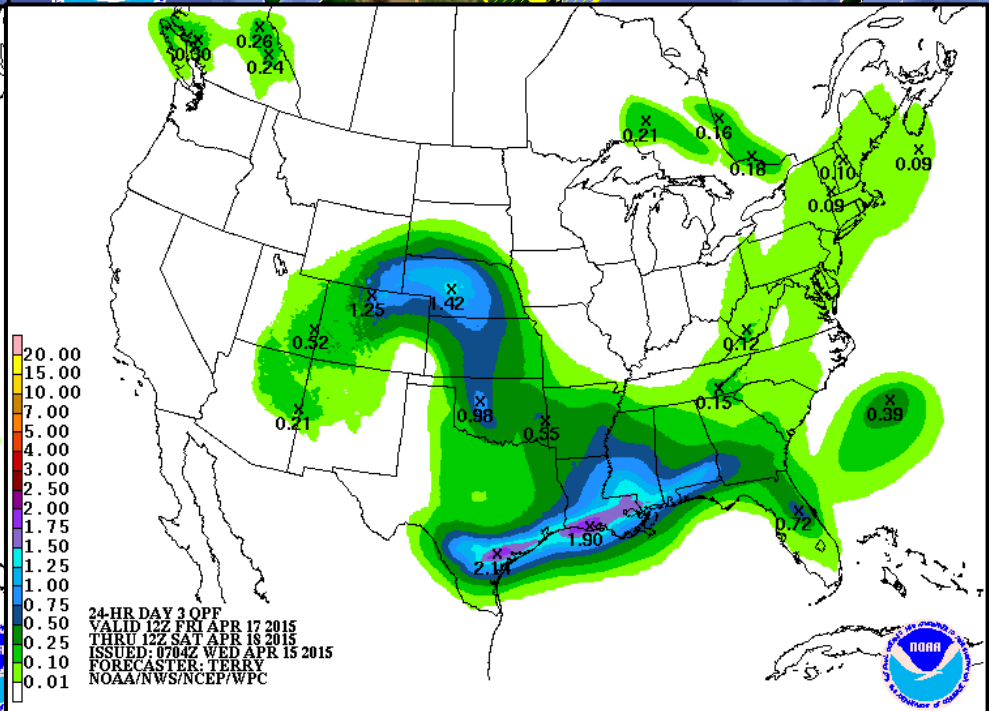
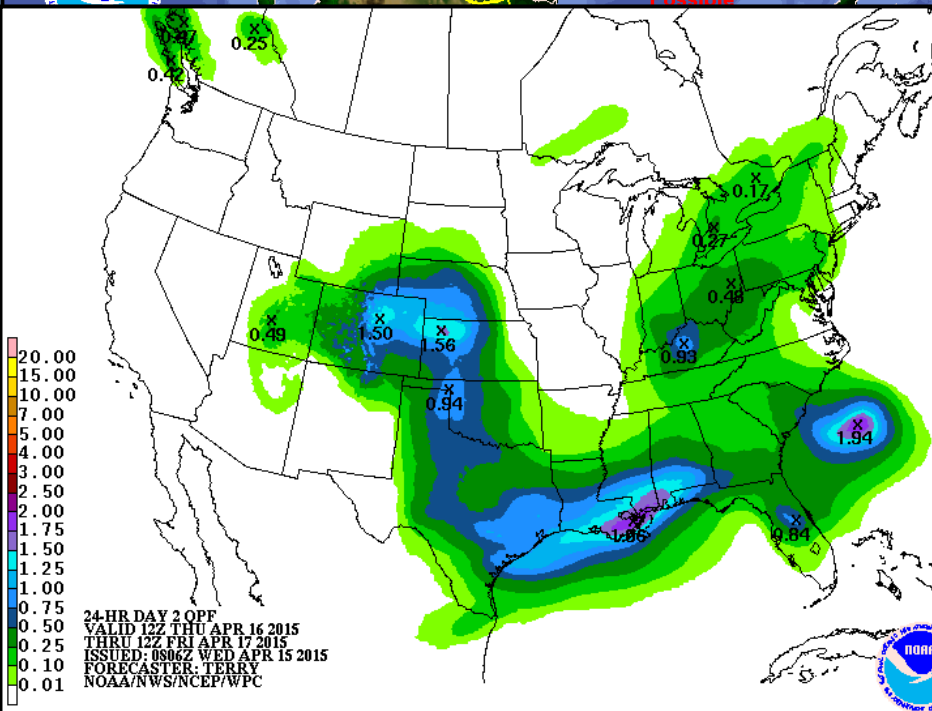
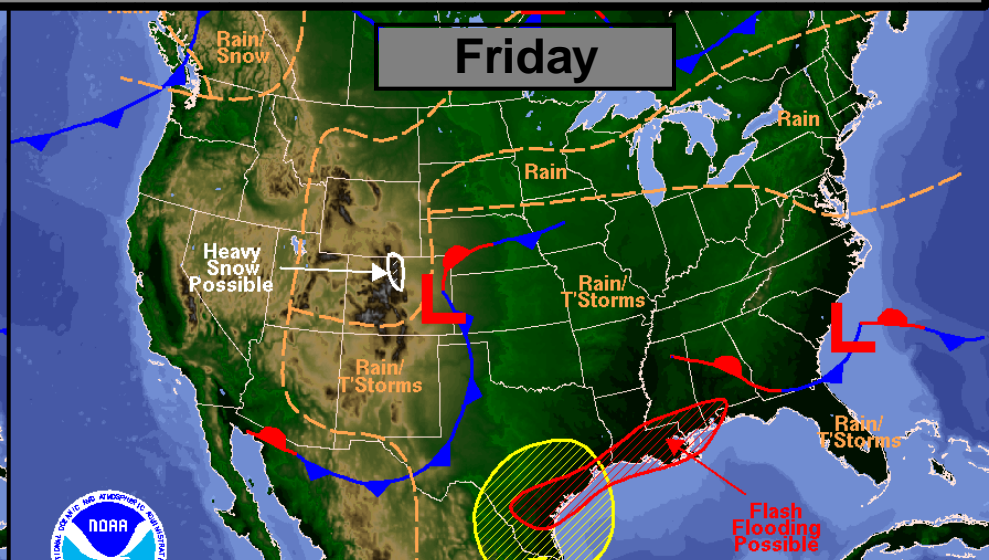
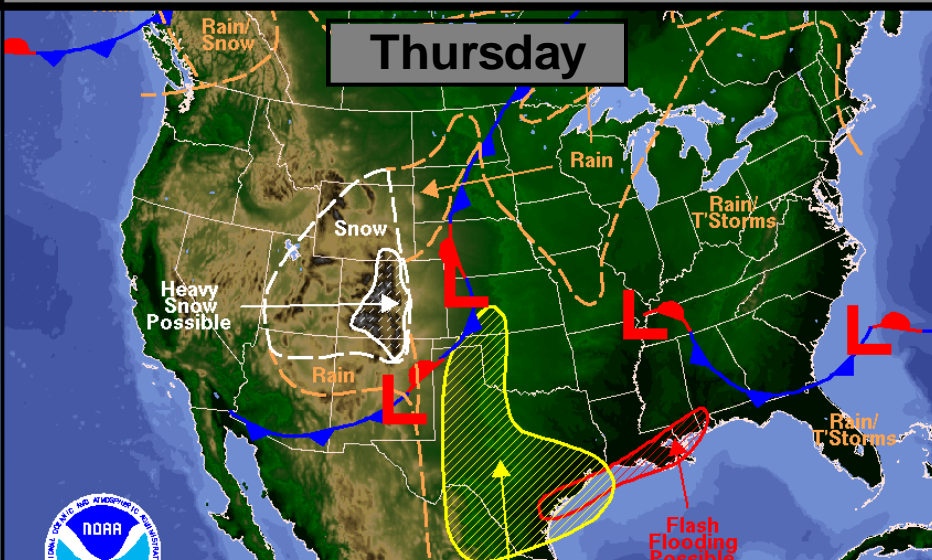
***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**

Today's Precipitation

Wed AM - Thu AM

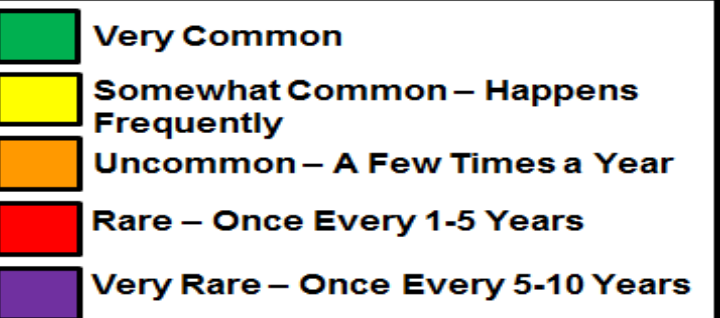
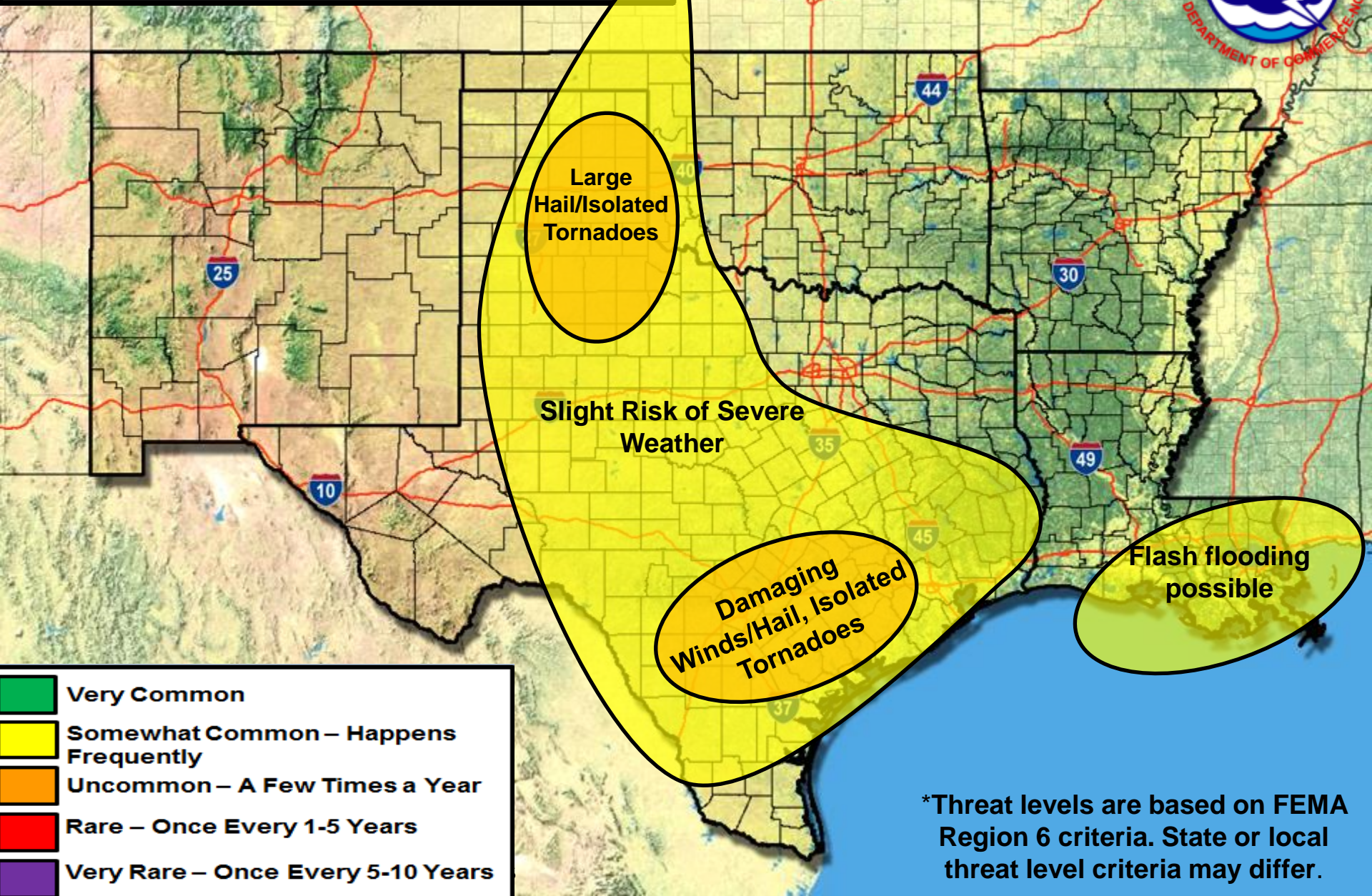


Day 2-3 Weather Maps/Precipitation



Day 2 Weather Hazards

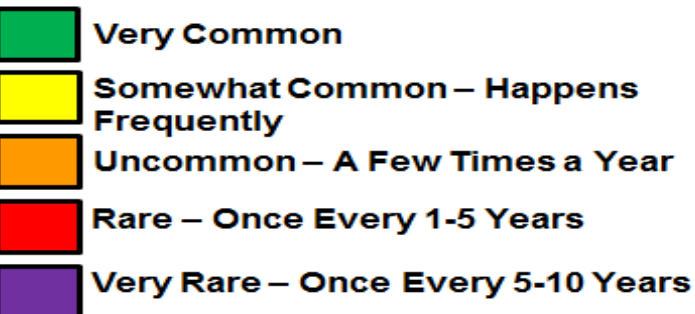
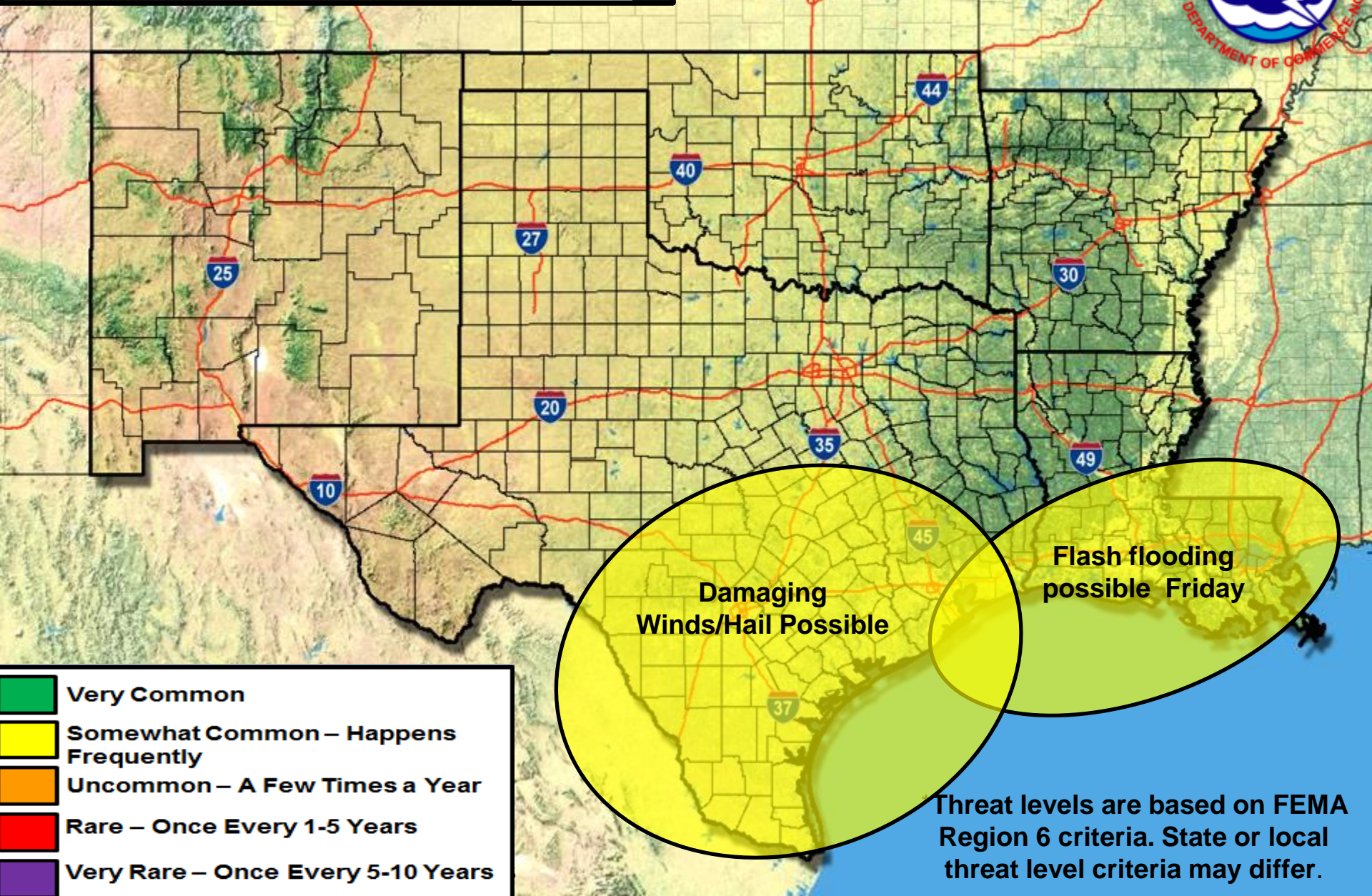
Valid: 0800 Thu - 0800 Fri



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Day 2-3 Weather Hazards

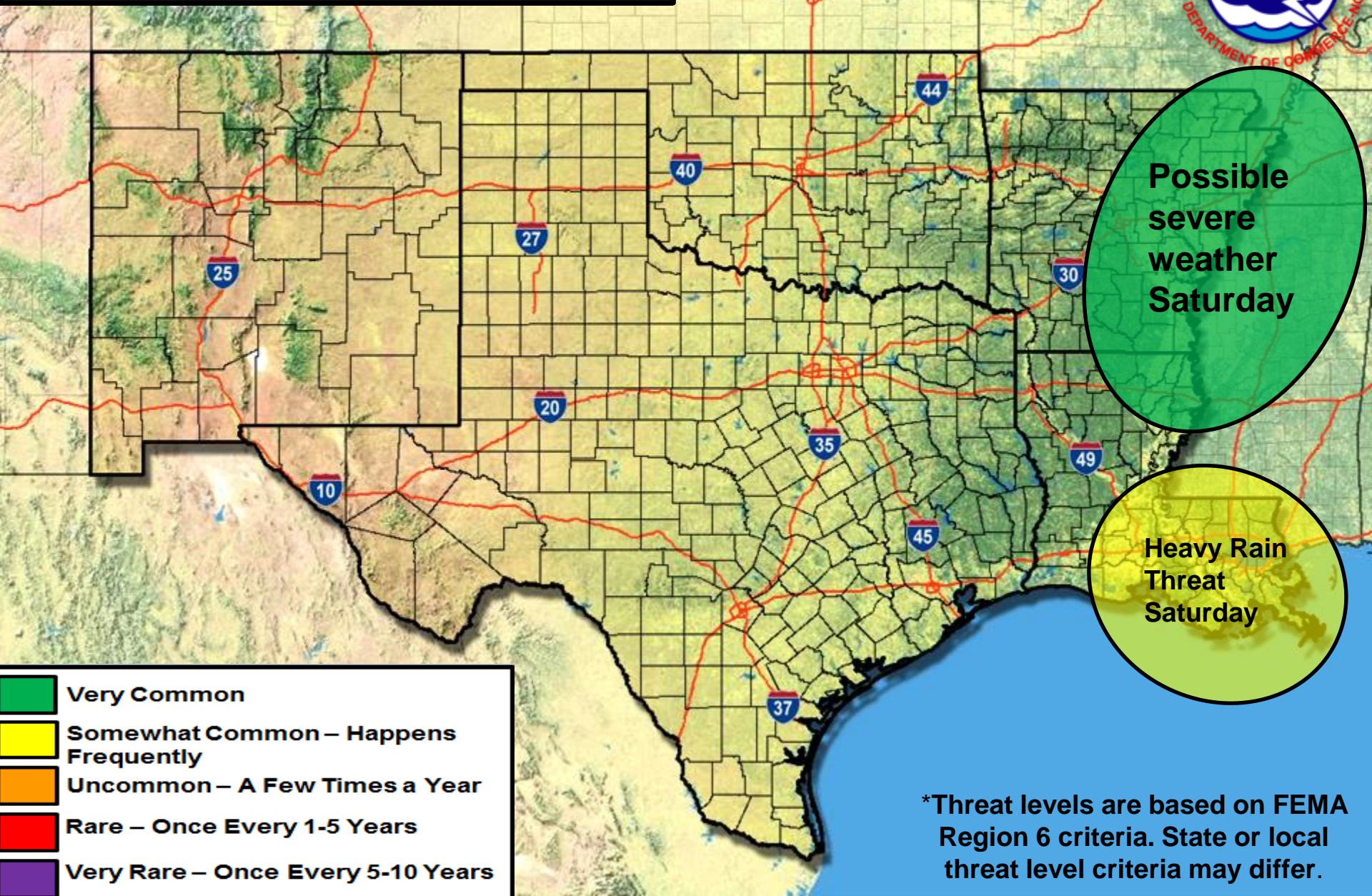
Valid: 0800 Fri - 0800 Sat



Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

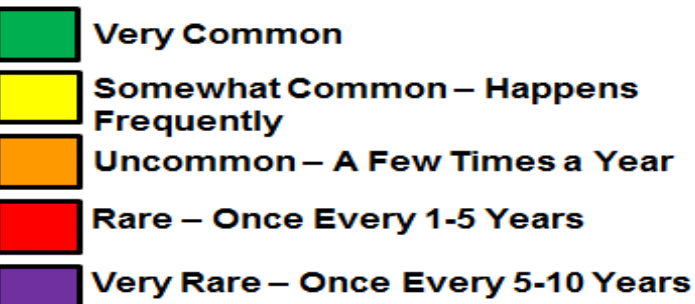
Day 4-5 Weather Hazards

Valid: 0800 Sat - 0800 Mon



Possible
severe
weather
Saturday

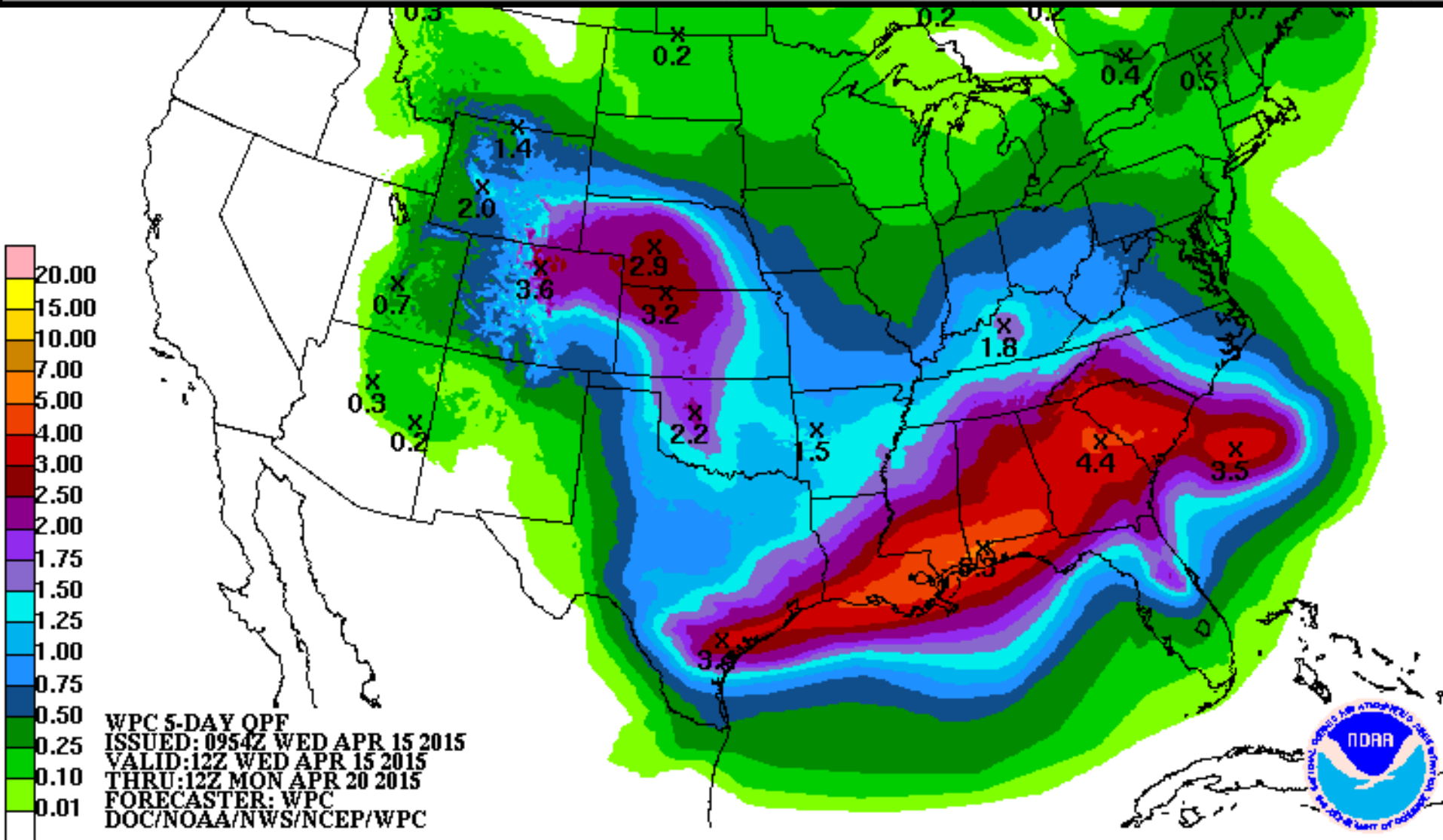
Heavy Rain
Threat
Saturday



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5-Day Precipitation

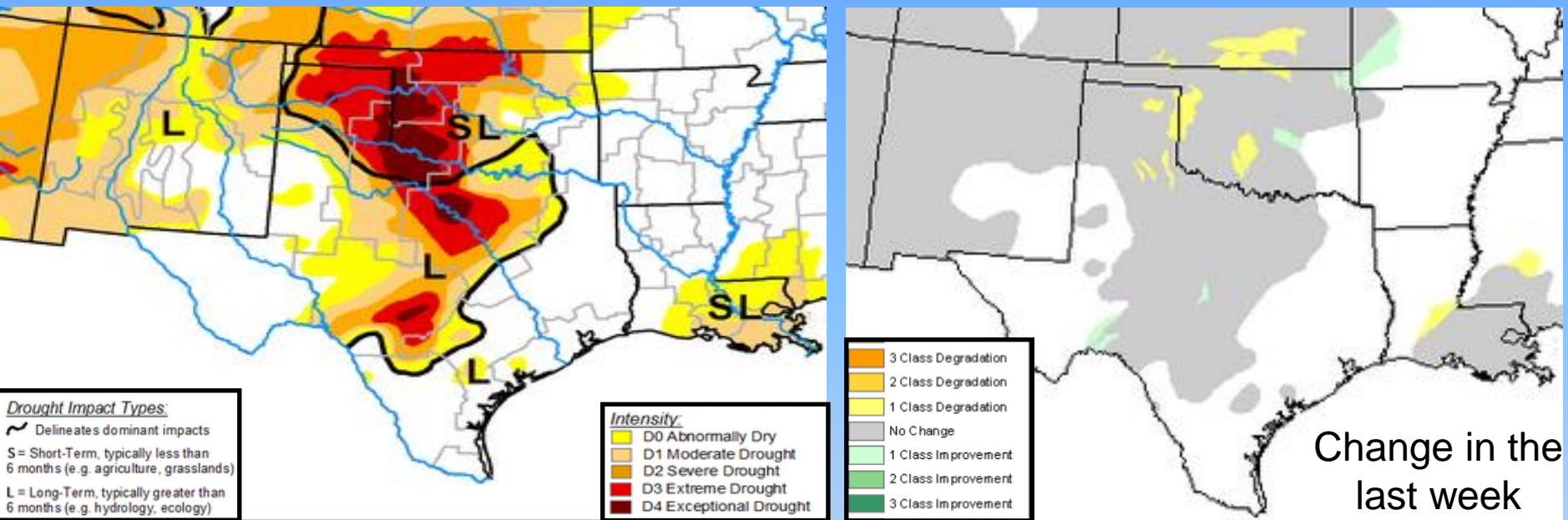
Wed AM - Mon AM





Drought Monitor Released April 9th, 2015

Data valid as of Tuesday, April 7th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	39.72%	37.38%	10.72%	27.60%
Texas	15.46%	15.10%	22.35%	26.39%
New Mexico	0.00%	0.00%	3.70%	24.62%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

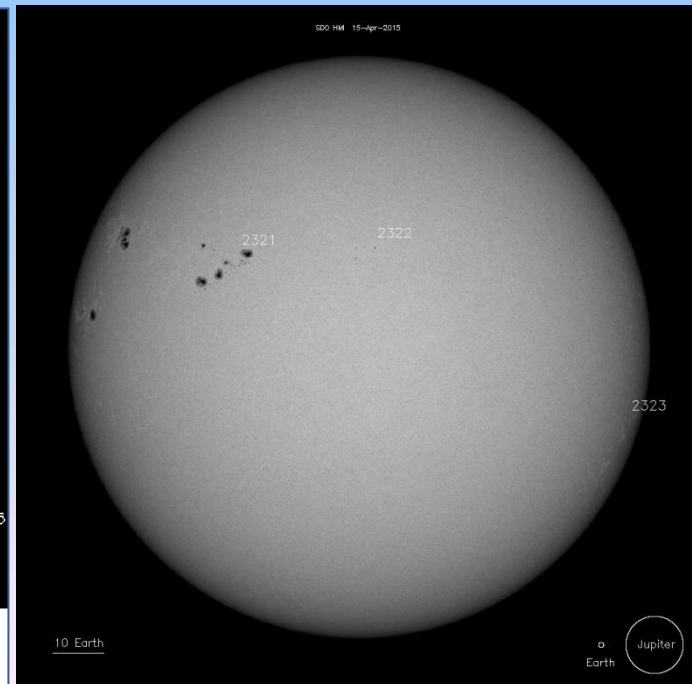
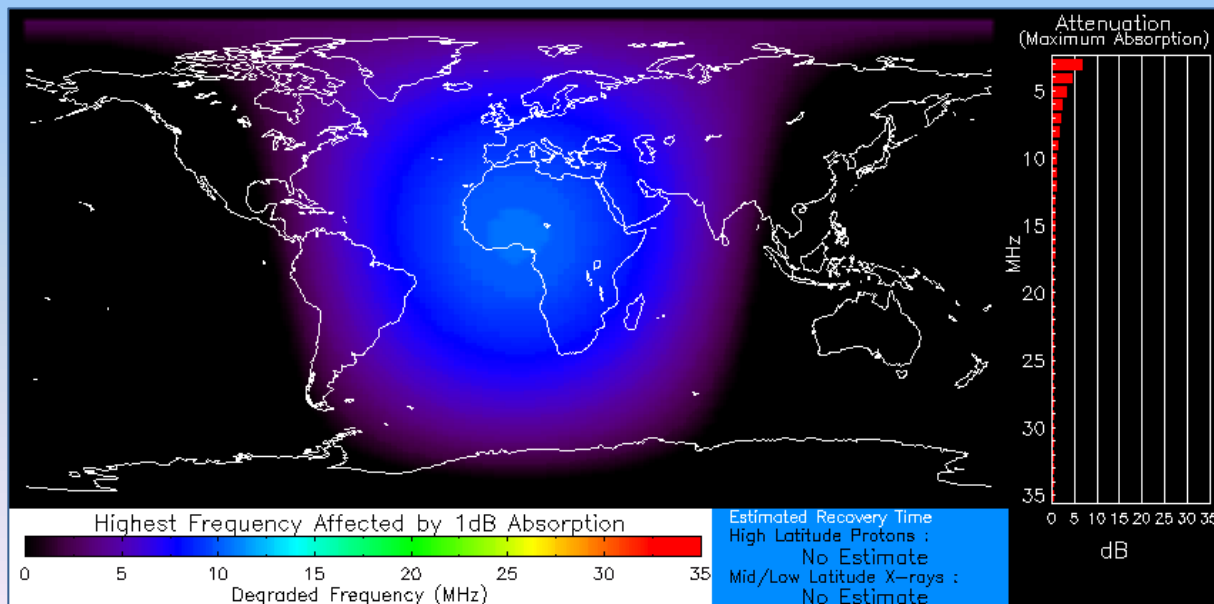
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Wednesday	Thursday	Friday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Minor Storm (G1) (Max Kp = 5)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	55%	55%	55%
Radio Blackout (R3-R5)	20%	20%	20%



Normal X-ray Background
Product Valid At : 2015-04-15 11:47 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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Web: <http://www.srh.noaa.gov>

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